



1/6

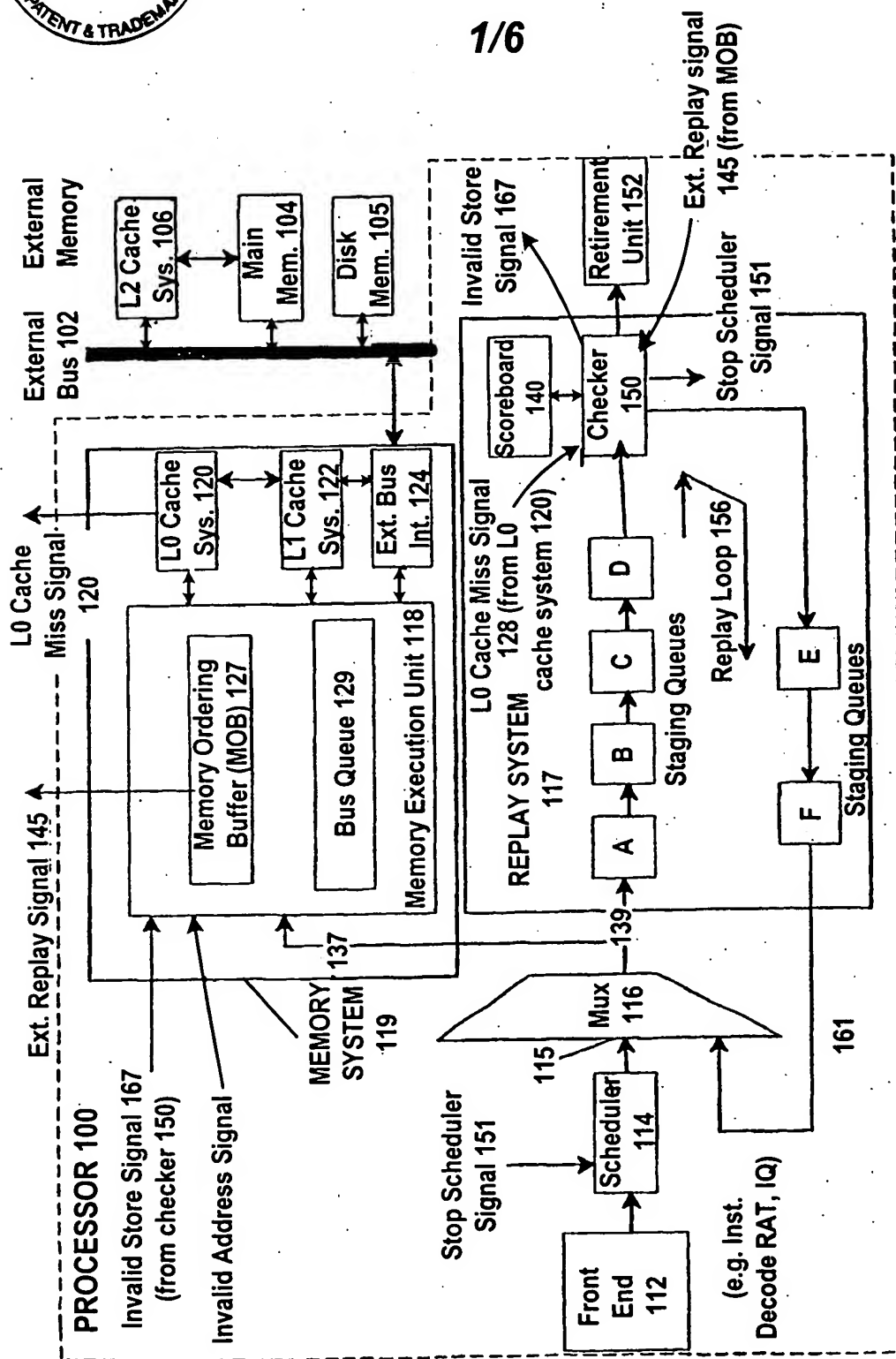
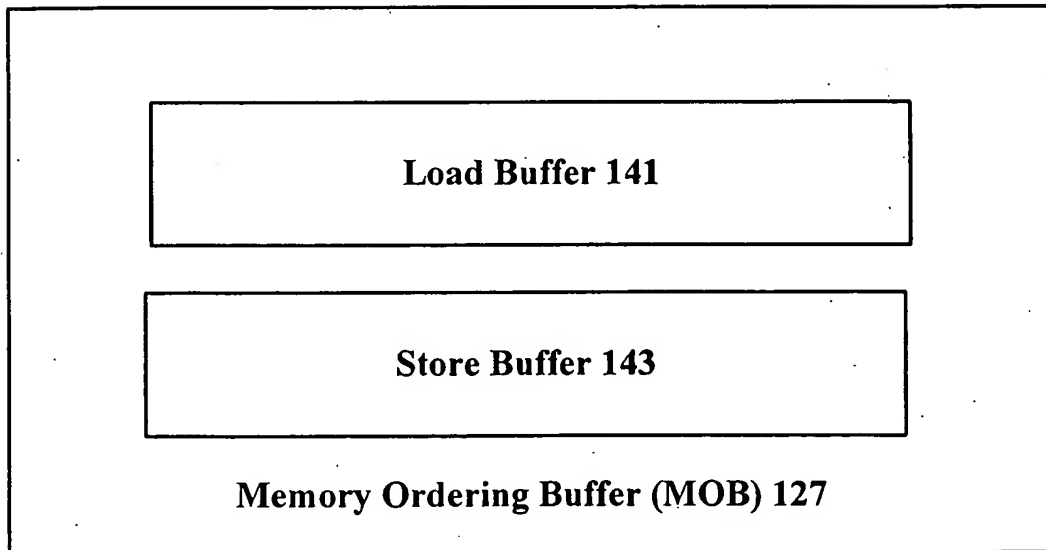


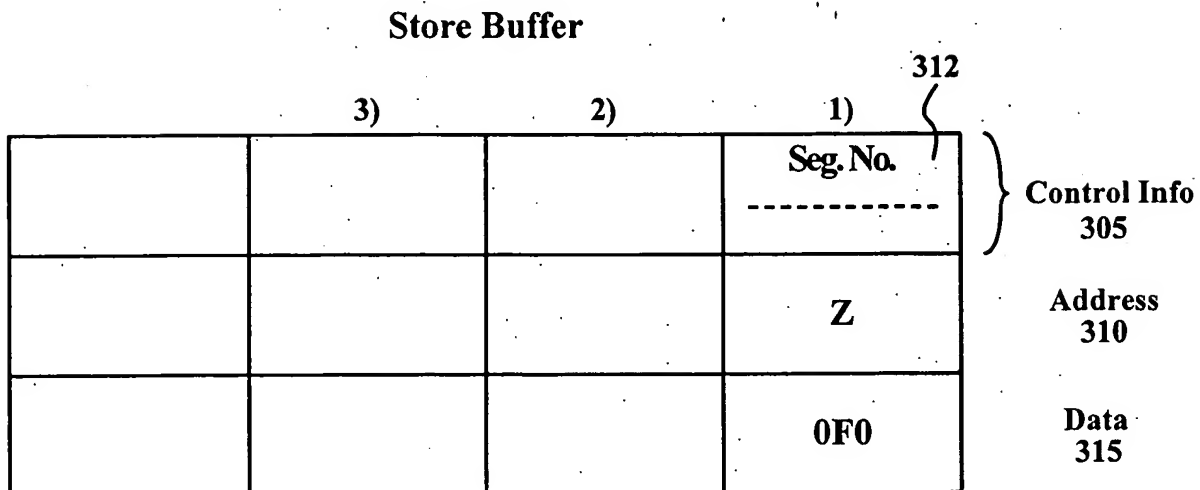
Figure 1

**2/6**

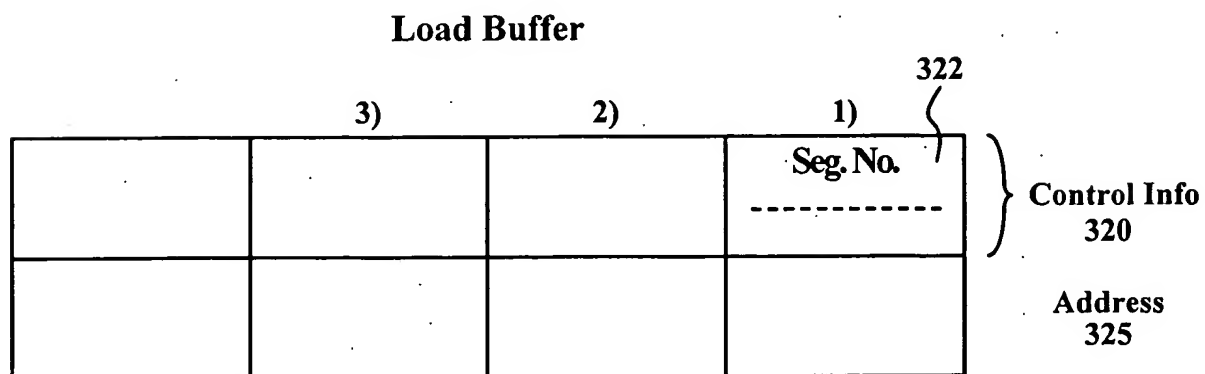


**Figure 2**

3/6



**Figure 3a**



**Figure 3b**

**4/6**

|    | Operation | Source | Destination |
|----|-----------|--------|-------------|
| 1) | Store     | R4,    | [R1]        |
| 2) | Load      | [X],   | R2          |

| Reg. | Correct Value | Incorrect Value |
|------|---------------|-----------------|
| R1   | X             | Y               |

**Figure 4a**

**L0 Cache System 120**

| Address | Data |
|---------|------|
| X       | F000 |
|         |      |

**Figure 4b**

5/6

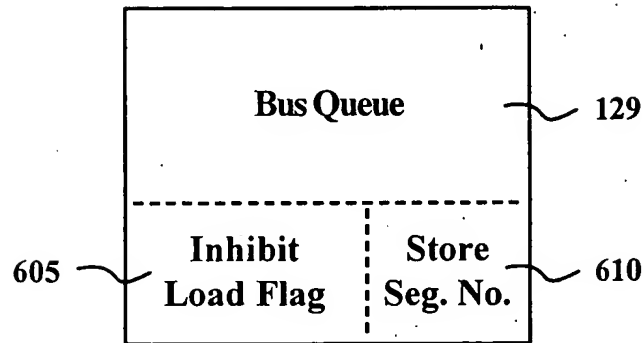
Store Buffer

| 2) |  | 1)  | } Control Info<br>505 |
|----|--|---|-----------------------|
|    |  | Seg. No. 512<br>Invalid Store<br>Flag 510 |                       |
|    |  | Y   |                       |
|    |  | F0F0                                      | Address<br>310        |
|    |  |   | Data<br>315           |

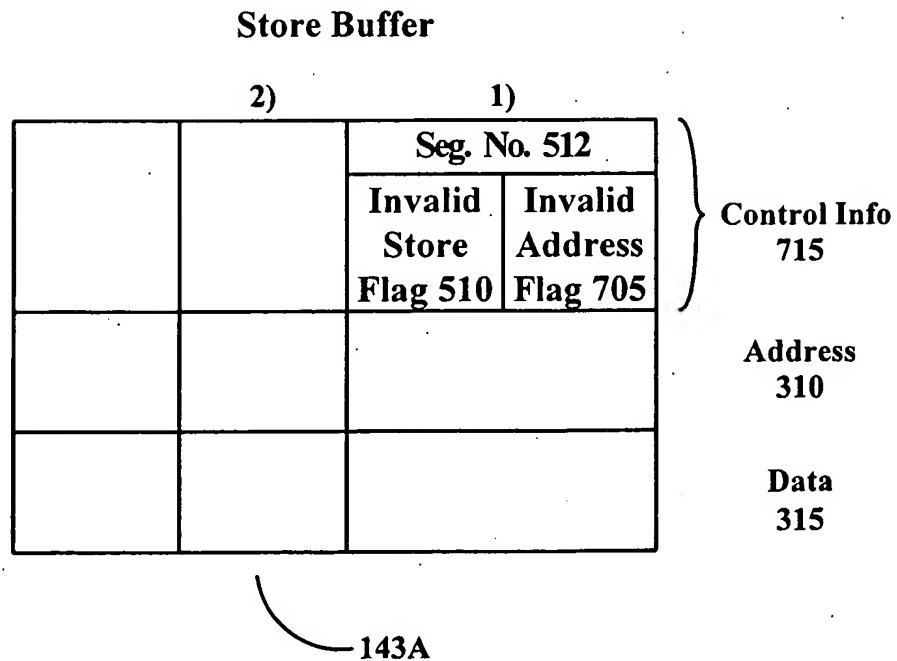
143A

Figure 5

6/6



**Figure 6**



**Figure 7**